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(FILE 'HOME' ENTERED AT 19:31:20 ON 10 MAR 2008)

FILE 'CAPLUS' ENTERED AT 19:31:31 ON 10 MAR 2008

L1 27169 S "DNA POLYMERASE"
L2 464 S L1 AND CRYSTAL
L3 51 S L2 AND PROCESSIVITY
L4 22 S L3 AND "BETA"
L5 0 S L4 AND "B SUBUNIT"
L6 9 S L4 AND "BETA SUBUNIT"

=> d L6 1-9

L6 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:382537 CAPLUS
DN 145:42079
TI A Novel Processive Mechanism for DNA Synthesis Revealed by Structure,
Modeling and Mutagenesis of the Accessory Subunit of Human Mitochondrial
DNA Polymerase
AU Fan, Li; Kim, Sangbum; Farr, Carol L.; Schaefer, Kevin T.; Randolph,
Kathleen M.; Tainer, John A.; Kaguni, Laurie S.
CS Life Sciences Division, Lawrence Berkeley National Laboratory, Berkeley,
CA, 94720, USA
SO Journal of Molecular Biology (2006), 358(5), 1229-1243
CODEN: JMOBAR; ISSN: 0022-2836
PB Elsevier B.V.
DT Journal
LA English
RE.CIT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:186477 CAPLUS
DN 145:205038
TI Stoichiometric complex formation by proliferating cell nuclear antigen
(PCNA) and its interacting protein: purification and crystallization of
the DNA polymerase and PCNA monomer mutant complex
from Pyrococcus furiosus
AU Nishida, Hirokazu; Matsumiya, Shigeki; Tsuchiya, Daisuke; Ishino,
Yoshizumi; Morikawa, Kosuke
CS Department of Structural Biology, Biomolecular Engineering Research
Institute (BERI), 6-2-3 Furuedai, Suita, Osaka, 565-0874, Japan
SO Acta Crystallographica, Section F: Structural Biology and Crystallization
Communications (2006), F62(3), 253-256
CODEN: ACSFCL; ISSN: 1744-3091
URL: <http://journals.iucr.org/f/issues/2006/03/00/bw5125/index.html>
PB Blackwell Publishing Ltd.
DT Journal; (online computer file)
LA English
RE.CIT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:120736 CAPLUS
DN 145:265417
TI Crystal structure of a DNA polymerase
sliding clamp from a gram-positive bacterium
AU Argiriadi, Maria A.; Goedken, Eric R.; Bruck, Irina; O'Donnell, Mike;
Kuriyan, John

CS Howard Hughes Medical Institute, The Rockefeller University, New York, NY, 10021, USA
 SO BMC Structural Biology (2006), 6, No pp. given
 CODEN: BSBMBB; ISSN: 1472-6807
 URL: <http://www.biomedcentral.com/content/pdf/1472-6807-6-2.pdf>
 PB BioMed Central Ltd.
 DT Journal; (online computer file)
 LA English

RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN
 AN 2004:1154427 CAPLUS
 DN 142:70794
 TI Crystal structure of the processivity clamp factor of DNA polymerase of Escherichia coli complexed with a peptide ligand and the use in drug discovery
 IN Burnouf, Dominique Yves Joel; Wagner, Jerome Edouard; Dumas, Philippe; Fujii, Shingo; Fuchs, Robert Pierre Paul; Olieric, Vincent
 PA Centre National De La Recherche Scientifique CNRS, Fr.
 SO Eur. Pat. Appl., 95 pp.
 CODEN: EPXXDW
 DT Patent
 LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 1492038	A1	20041229	EP 2003-291596	20030627
CA 2530667	A1	20050106	CA 2004-2530667	20040625
WO 2005001084	A2	20050106	WO 2004-EP6942	20040625
WO 2005001084	A3	20050224		
EP 1639509	A2	20060329	EP 2004-740348	20040625
US 2007275898	A1	20071129	US 2006-561867	20060706
PRAI EP 2003-291596	A	20030627		
WO 2004-EP6942	W	20040625		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN
 AN 2003:490732 CAPLUS
 DN 139:334764
 TI Flexibility revealed by the 1.85 Å crystal structure of the .beta. sliding-clamp subunit of Escherichia coli DNA polymerase III
 AU Oakley, Aaron J.; Prosser, Pavel; Wijffels, Gene; Beck, Jennifer L.; Wilce, Matthew C. J.; Dixon, Nicholas E.
 CS Crystallography Centre, University of Western Australia, Nedlands, WA 6907, Australia
 SO Acta Crystallographica, Section D: Biological Crystallography (2003), D59(7), 1192-1199
 CODEN: ABCRE6; ISSN: 0907-4449
 PB Blackwell Publishing Ltd.
 DT Journal
 LA English

RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN
 AN 2001:657173 CAPLUS
 DN 135:300461
 TI Mechanism of processivity clamp opening by the delta subunit wrench of the clamp loader complex of E. coli DNA polymerase III

AU Jeruzalmi, David; Yurieva, Olga; Zhao, Yanxiang; Young, Matthew; Stewart,
Jelena; Hingorani, Manju; O'Donnell, Mike; Kuriyan, John
CS Howard Hughes Medical Institute, The Rockefeller University, New York, NY,
10021, USA
SO Cell (Cambridge, MA, United States) (2001), 106(4), 417-428
CODEN: CELLB5; ISSN: 0092-8674
PB Cell Press
DT Journal
LA English
RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1995:878425 CAPLUS
DN 124:3350
TI Structural and functional similarities of prokaryotic and eukaryotic
DNA polymerase sliding clamps
AU Kelman, Zvi; O'Donnell, Mike
CS Howard Hughes Med. Inst., Cornell Univ. Med. Coll., New York, NY, 10021,
USA
SO Nucleic Acids Research (1995), 23(18), 3613-20
CODEN: NARHAD; ISSN: 0305-1048
PB Oxford University Press
DT Journal
LA English

L6 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1995:282001 CAPLUS
DN 122:99932
TI Crystal structure of the eukaryotic DNA
polymerase processivity factor PCNA
AU Krishna, Talluru S. R.; Kong, Xiang-Peng; Gary, Sonja; Burgers, Peter M.;
Kuriyan, John
CS Lab. Mol. Biophysics, Rockefeller Univ., New York, NY, 10021, USA
SO Cell (Cambridge, Massachusetts) (1994), 79(7), 1233-43
CODEN: CELLB5; ISSN: 0092-8674
PB Cell Press
DT Journal
LA English

L6 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1992:251020 CAPLUS
DN 116:251020
TI Three-dimensional structure of the .beta. subunit of
E. coli DNA polymerase III holoenzyme: a sliding DNA
clamp
AU Kong, Xiang Peng; Onrust, Rene; O'Donnell, Mike; Kuriyan, John
CS Lab. Mol. Biophys., Rockefeller Univ., New York, NY, 10021, USA
SO Cell (Cambridge, MA, United States) (1992), 69(3), 425-37
CODEN: CELLB5; ISSN: 0092-8674
DT Journal
LA English